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Date of Mailing: June 28, 2001

Signed: *[Signature]*

Susan Xu

PATENT *8/15/01*  
*H. Little*

In re application of: **REZVANI et. al.**

Application No.: **09/776,067**

Filed: 2/02/2001

Title: **METHOD & APPARATUS FOR AN X-DSL MODEM SUPPORTING MULTIPLE X-DSL LINE CODES**

Attorney Docket No.: **VELCP001X3**

Examiner: **N/A**

Group: **2661**

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Madame/Sir:

**RECEIVED**

**JUL 10 2001**

Before examination, please amend this application as follows.  
Technology Center 2600

**IN THE CLAIMS:**

Please cancel Claim 1 and add new Claims 2-21.

2. (New) An X-DSL modem comprising:

a coder for coding digital data in at least a discrete multi-tone (DMT) line code and a carrierless AM/PM (CAP) line code and vice-versa;

a Fourier transform engine coupled to the coder and operating as a base band-to-carrier band converter and vice versa for the digital data encoded in the DMT line code and as a filter for the digital data encoded with the CAP line code;

a converter coupled to the Fourier transform engine for converting between base band-to-carrier band and vice-versa digital data in the CAP line code; and